**MODULES - Academy 360**

**Module 1: Admin Side**

1. Login/Logout:

* Admin can log in using a predefined username and password, and can also end the session using the logout button
* Design a Login form and home page for admin.
* Implement logic for authentication using JWT tokens.

1. Dashboard:

* Admin can view website performance, monitor new members and see analytics.
* Design a dashboard to display data.
* Fetch and display data from the server. which gives an overview of the data

1. Admin controls:

* Admin can control the users of the website.
* Design a UI for this.
* Admin controls:

1. Block or unblock Teachers and students.
2. Disable inappropriate classrooms and subjects.
3. Banner: Change the banner of the website.
4. Add new classrooms and subjects.
5. Charts of the daily users

**Module 2: User login/signup**

1. Teacher login/signup:

* Users can register as tutors and conduct classes.
* Integrate Google authentication for teachers.
* Teachers can manage their profiles and update their photos , qualifications.
* After logging in teachers are directed to the Teacher dashboard, where they can see an overview of the classes they have created.
* Teachers will get the Scheduled time and classroom id as like a timetable.

1. Students log in/signup:

* Users can register as students and attend classes.
* Integrate Google signup for students.
* Students can manage their profiles and update their photos.
* After logging in students are directed to their dashboard.
* Using the classroomId belongs with the otp mail the student can enter to the class.if is signed with google in dashboard provide an option getId ,helpful to send id to the mail.
* Students have the option to Choose multiple subjects.

**Module 3: Classroom creation**

1. Create classroom:

* Admin can create classrooms with respective subjects and teachers.
* Admin can schedule the time of the sessions to the teacheres.
* Teachers can suspend students in the class.
* A teacher can access multiple classrooms.

1. Join classroom:

* Students can join existing classrooms with the classroom ID .
* Students have only one classroomId ,Also each subject has individual teachers.
* Students can view the contents posted by the teachers in the classroom.
* A student can join multiple classrooms(means subjects,id never change).

**Module 4: Classroom interactions**.

1. Live Group chats.

* Students can chat in the group with the teacher and with all other students.
* Teachers can also interact with students with these live chats.
* Joining notifications of new students will be shown in the chat box.

1. Private chats:

* Students can chat with the teacher privately and vice versa.
* Students can not chat with other students privately.

**Module 5: Live classes**

1. Streaming:

* Teachers can stream live classes individually.
* Students can join these classes and interact with the teacher through video calls and voices.

**Module 6: Exams.**

1. Create Exams:
   1. Teachers can schedule exams with duration and deadlines.
   2. Teachers can create questions and add them to the exam paper.
   3. Question types include MCQ and subjective types.
   4. Teachers can also set marks for each question.
2. Attend Exams:
   1. Students can attend the exam once the scheduled time starts.
   2. Students can only start the exam within the specified time.
   3. Students need to complete the exam within the duration.
   4. For MCQ questions students will be provided with options where they will have to select the correct answer from the list.
   5. For subjective answers, students can either type them on the provided input field or they can upload a PDF file with handwritten answers.
3. Evaluate Exams:
   1. Teachers can evaluate the exams once the scheduled time is over.
   2. Teachers can view the list of students who attended the exam and evaluate them.
   3. For evaluation, teachers can give a mark for each question and can also specify scored marks.
   4. After evaluation, teachers can publish the results.
   5. Uploaded files can be downloaded and evaluated manually, marks can be specified in the same area itself.
4. View score:
   1. Students can see the results of the exam on the respective exam tab.

**Module 7: Works**

1. Create work:
   1. Teachers can create work (assignments, homework) for the students.
   2. Questions for the work need to be uploaded via a pdf.
   3. Maximum marks for each work can be specified while setting up the work.
   4. The teacher can specify the deadline for the work.
2. Attend the works:
   1. Students can view and attend the works.
   2. Questions can be downloaded and viewed as a PDF.
   3. Answers can uploaded as pdf in the same area.
   4. Answers can only be submitted within the deadline.
3. Evaluation:
   1. The teacher can view the submission details.
   2. The teacher can download the PDF and evaluate the answers.
   3. Marks can be specified in the same area.
4. Results:
   1. Students can view the results on the respective work tab.

**Module 8: Materials**

1. Upload:
   1. Teachers can upload materials as PDFs with a description and name.
   2. Teachers can upload materials as URLs with a description and name.
2. View:
   1. Students can download the pdf files.
   2. Students can visit the URL and refer materials.

**Module 9: Profile.**

1. Student Profile:

* Students can view their profile.
* Students can see their attendance and exam results from the profile menu.
* Students have the option to change their images, and password and update their institute.
* Students can download their progress reports for that particular class.

1. Teacher profile:
   1. Teachers can view their profiles.
   2. Teachers can view the profiles of each student.
   3. Teachers can change passwords, and update qualification details, and images.

**Module 10: Announcements**

1. Create an announcement:
   1. Teachers can create an announcement from the announcement tab
   2. Exam publications, work uploads etc.. will be also displayed on the announcement tab,
   3. Teachers can pin and mark as important during the announcement creation.
2. View announcements:
   1. Students can view the announcement from the announcement tab.

**Module 11: Subjects**

1. Create an Subjects:

a.Admin can create,edit subjects.

2.Uses.

a.Students can explore those subjects provided.